

Result No.	Score	Query	Match Length	DB	ID	Description
1	483	100.0	483	19	AAV41548	Human soluble tumour necrosis factor receptor type I.
2	483	100.0	483	19	AAV19801	Soluble tumour necrosis factor receptor type I.
3	483	100.0	483	20	AAV81732	Tumour necrosis factor receptor type I.
4	483	100.0	483	22	AAV28345	Human 30 kDa TNF receptor type I.
5	483	100.0	1301	18	AAU04022	cDNA for TBP(20-19).
6	483	100.0	1334	11	AAQ06282	Plasmid Tumour necrosis factor receptor type I.
7	483	100.0	1368	14	AAU34932	Human TNF α binding protein.
8	483	100.0	1468	21	AAA55105	Cd36-TNF α binding protein.
9	483	100.0	1478	20	AAX58150	Encodes TNF α binding protein.
10	483	100.0	2062	13	AAQ29473	(AMG101) AMG101.
11	483	100.0	2062	13	AAQ24440	Encodes TNF α binding protein.

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB	ID	Description
1	483	100.0	483	19	AAV41548	Human soluble tumour necrosis factor receptor type I.
2	483	100.0	483	19	AAV19801	Soluble tumour necrosis factor receptor type I.
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11	483	100.0	2062	13	AAQ24440	Encodes TNF α binding protein.

Type I TNF receptor.

Rat Tumour necrosis factor receptor.

Encoded truncated.

Male fusion plasmid.

ALIGNMENTS

Minimum DB seq length: 0	Maximum DB seq length: 0	Identity_NP_001000000	Gapopen 10.0	Gapped 1.0
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Post-processing: Minimum Match 0%				
Maximum Match 100%				
Listing first 45 summaries				
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- Nov-1998.
 - APR-1998: 9BM0-US08631.
 - MAY-1997: 97US-0850188.
 (AMGE-) AMGEN INC.
 Doyle WJ, Wooden S;
 I; 1999-014661/03

new chimeric osteoprotegerin polypeptides - osteoprotegerin dimerisation domain and a heterodimer to treat TNF and TNFR mediated disorders.

The present invention describes a chimeric polypeptide (Al), comprising an osteoprotegerin (OPG) dimerisation domain fused to a heterologous amino acid sequence. Also described are: (1) a multimer polypeptide comprising covalently associated Al monomers; (2) an isolated nucleic acid encoding Al; (3) an expression vector comprising the nucleic acid sequence; and (4) a host cell transformed or transfected with the expression vector so that the nucleic acid is expressible. The products from the present invention are useful to treat a variety of disorders including those related to receptor binding. Compositions comprising tumour necrosis factor (TNF)/OPC and INF receptor (INF α)/OPC chimeras are used to treat TNF and TNPF-mediated disorders such as inflammation, autoimmune diseases and disorders related to excessive apoptosis. The chimeras are also useful for detecting molecules which interact with fused heterologous sequences to identify potential new receptors and

nerosis factor (TNF). The products of the invention have anti-inflammatory and antimicrobial activity. (I) and (IIa) are used (i) to treat diseases in which TNF is involved (e.g. septic shock, autoimmune glomerulonephritis, cerebral malaria, immune responses and inflammation), (ii) to purify TNF, (iii) to identify TNF antagonists and (iv) for diagnostic determination of TNF in body fluids. Antibodies raised against (I) are used for affinity purification of (II). This sequence encodes a tumour necrosis factor binding protein described in the method of the invention.

200

Search completed: April 24, 2002, 03:28:29
Job time: 3407 sec